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Attorney Docket No. ATT 2001-0006

LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the Application.

1. (Currently amended) A method for processing a call in a communications network dialed to an Internet Protocol (IP) endpoint to afford the IP endpoint the ability to implement a desired multimedia application in connection with the call, comprising the steps of:

receiving the call in the network for processing, wherein said receiving the call includes accessing a common database for call processing instructions irrespective of the format of the call;

establishing a session with the IP endpoint by resolving an address associated with the endpoint;

routing the call to the IP endpoint;

determining if the IP endpoint to which the call is routed to requires a multimedia application, and if so,

providing such application.

2. (Original) The method according to claim 1 wherein the call received in the network is a voice call and wherein the voice call is processed by converting the call into a Voice-over Internet Protocol (VoIP) call and wherein signaling information associated with the voice call is mapped into a format compatible with said VoIP call.

3. (Original) The method according to claim 1 wherein the multimedia application is a stateful application and wherein the network actively monitors such application while the call remains active.

4. (Original) The method according to claim 1 wherein the multimedia application is a stateless application and wherein the network does not actively monitor the application.

5. (Original) The method according to claim 1 wherein the multimedia application

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includes access to the Internet.

6. (Original) The method according to claim 1 wherein resolving the address of the IP endpoint includes referencing the IP endpoint through a Universal Resource Locator (URL) (or other indirect mapping) assigned to an address associated with that IP endpoint.

7. (Currently Amended) The method according to claim 6 further including the step of dynamically assigning the address of the IP endpoint associated with the URL.

8. (Canceled).

9. (Original) The method according to claim 1 wherein the step of receiving the call for processing includes the step of accessing a common database to obtain a location routing number for routing the call.

10. (Original) The method according to claim 1 wherein the step of receiving the call for processing includes the step of accessing a common database for call processing instructions irrespective of the format of the call and to obtain a location routing number for routing the call.

11. (Currently amended) A method for processing a call in a communications network dialed to an Internet Protocol (IP) endpoint to afford the IP endpoint the ability to implement a desired multimedia application in connection with the call, comprising the steps of:

receiving the call in the network for processing, and if the call has a voice format, then converting the call into a Voice-over Internet Protocol (VoIP) call and mapping signaling information associated with the voice call into a format compatible with said VoIP call, wherein said receiving the call includes accessing a common database for call processing instructions;

establishing a session with the IP endpoint by resolving an address associated

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with the endpoint;

routing the VoIP call to the endpoint;

determining if the IP end point to which call routed to the endpoint requires a multimedia application, and if so,
providing such application.

12. (Original) The method according to claim 11 wherein the multimedia application is a stateful application and wherein the network actively monitors such application while the call remains active.

13. (Original) The method according to claim 11 wherein the multimedia application is a stateless application and wherein the network does not actively monitor the application.

14. (Original) The method according to claim 11 wherein the multimedia application includes access to the Internet.

15. (Original) The method according to claim 11 wherein resolving the address of the IP endpoint includes referencing the IP endpoint through a Universal Resource Locator (URL) (or other mapping) assigned to an address associated with that IP endpoint.

16. (Currently Amended) The method according to claim 11 further including the step of dynamically assigning the address of the IP endpoint associated with the URL.

17. (Canceled).

18. (Original) The method according to claim 11 wherein the step of receiving the call for processing includes the step of accessing a common database to obtain a location routing number for routing the call.

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19. (Original) The method according to claim 11 wherein the step of receiving the call for processing includes the step of accessing a common database for call processing instructions and to obtain a location routing number for routing the call.

20. (Original) A method for processing a call having a first format in a communications network dialed to an Internet Protocol (IP) endpoint to afford the IP endpoint the ability to implement a desired multimedia application in connection with the call, comprising the steps of:

receiving the call in the network for processing, including accessing a first common database, irrespective of the call format, obtain a location routing number for routing the call;

establishing a session with the IP endpoint by resolving an address associated with the endpoint; and

routing the call to the endpoint.

21. (Original) The method according to claim 20 wherein the step of receiving the call for processing includes the step of accessing a second common database for call processing instructions.

22. (Original) The method accordance to claim 20 wherein the first common database is accessed to obtain the location routing number and call processing instructions for processing instructions.

23. (Original) The method according to claim 20 further including the steps of:
determining if the IP end point to which call routed to the endpoint requires a multimedia application, and if so,
providing such application.

24. (Original) The method according to claim 23 wherein the multimedia application is a stateful application and wherein the network actively monitors such application while the call remains active.

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25. (Original) The method according to claim 23 wherein the multimedia application is a stateless application and wherein the network does not actively monitor the application.

26. (Original) The method according to claim 23 wherein the multimedia application includes access to the Internet.

27. (Original) The method according to claim 20 wherein resolving the address of the IP endpoint includes referencing the IP endpoint through a Universal Resource Locator (URL) (or other indirect mapping) assigned to an address associated with that IP endpoint.

28. (Original) The method according to claim 27 further including the step of dynamically assigning the address of the IP endpoint associated with the URL.

29. (Original) The method according to claim 20 wherein the call received in the network has a voice format and wherein the voice call is processed by converting the call into a Voice-over Internet Protocol (VoIP) formatted call and wherein signaling information associated with the voice call is mapped into a format compatible with said VoIP formatted call.

30. (Currently amended) A method for processing a call in a communications network dialed to an Internet Protocol (IP) endpoint to afford the IP endpoint the ability to implement a desired multimedia application in connection with the call, comprising the steps of:

receiving the call in the network for processing, wherein said receiving the call includes accessing a common database for call processing instructions irrespective of the format of the call;

establishing a session with the IP endpoint by referencing the IP endpoint through a Universal Resource Locator (URL) assigned to an address associated with

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that IP endpoint; and
routing the call to the endpoint.

31. (Currently Amended) The method according to claim 30 further including the step of dynamically assigning the address of the IP endpoint associated with the URL. ~~A method where, if an IP address cannot be assigned to an IP endpoint (because, for example the IP endpoint is turned off or in a failed condition), alternate call handling instructions may be provided, including access to multimedia applications. A method where an individual, while keeping his existing phone number, can "port" his number from an existing circuit endpoint to a new IP endpoint (and vice versa), and among IP endpoints.~~